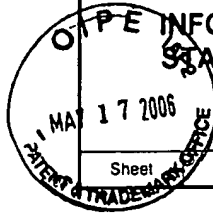


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Substitute for form 1449A/PTO (Modified)		Complete if Known		
		Application Number	10/672,280	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	September 26, 2003	
		First Named Inventor	Lazar et al.	
		Art Unit	1644	
		Examiner Name	Crowder, Chun	
		Attorney Docket Number	A-71386-7 (463077-00243)	
Sheet	1	20		



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
C.C.	A1	US-2001/0036459 A1	11-01-2001	Ravetch	
	A2	US-2002/0004587 A1	01-10-2002	Miller, et al.	
	A3	US-2002/0048772 A1	04-25-2002	Dahiyat et al.	
	A4	US-2002/0062010 A1	05-23-2002	Arathoon, et al.	
	A5	US-2002/0090648 A1	07-11-2002	Dahiyat et al.	
	A6	US-2002/0142374 A1	10-03-2002	Gallo, et al.	
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	A9	US-2002/0192222 A1	12-19-2002	Blumberg, et al.	
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	A12	US-2003/0078385 A1	04-24-2003	Arathoon, et al.	
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	A19	US-2003/0157108 A1	08-21-2003	Presta	
	A20	US-2003/0158289 A1	08-21-2003	Rusin, R. et al.	
	A21	US-2003/0158389 A1	08-21-2003	Idusogie, et al.	
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	A23	US-2003/0175884 A1	09-18-2003	Umana, et al.	
	A24	US-2003/0190311 A1	10-09-2003	Dall'Acqua, et al.	
	A25	US-2003/0208054 A1	11-06-2003	Olsen, et al.	
	A26	US-2003/0224397 A1	12-04-2003	Lowman, et al.	
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C.C.	A30	US-2004/0043429 A1	03-04-2004	Dahiyat et al.	

Examiner Signature	<i>[Signature]</i>	Date Considered	7/12/06
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			Application Number	10/672,280
			Filing Date	September 26, 2003
			First Named Inventor	Lazar et al.
			Art Unit	1644
			Examiner Name	Crowder, Chun
Sheet	2	20	Attorney Docket Number	A-71386-7 (463077-00243)

U.S. PATENT DOCUMENTS					
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C. C.	A31	US-2004/0043430 A1	03-04-2004	Dahiyat et al.	
	A32	US-2004/0062763 A1	04-01-2004	Mosser, et al.	
	A33	US-2004/0185045 A1	09-23-2004	Koenig, et al.	
	A34	US-2004/0191244 A1	09-30-2004	Presta	
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	A38	US-2004/0258677 A1	12-23-2004	Waldmann, et al.	
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	A49	US-2005/0064514 A1	03-24-2005	Stavenhagen, et al.	
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	A51	US-2005/0152894 A1	07-14-2005	Krummen, et al.	
	A52	US-2005/0175614 A1	08-11-2005	Ledbetter, et al.	
	A53	US-2005/0202023 A1	09-15-2005	Ledbetter, et al.	
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	A56	US-2005/0215767 A1	09-29-2005	Koenig, et al.	
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	A59	US-2005/0272128 A1	12-08-2005	Umana, et al.	
	A60	US-2005-0276799 A1	12-15-2005	Hinton, et al.	

Examiner Signature	<i>[Signature]</i>	Date Considered	7/12/06
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		Filing Date	September 26, 2003	
		First Named Inventor	Lazar et al.	
		Art Unit	1644	
		Examiner Name	Crowder, Chun	
Sheet	3	20	Attorney Docket Number	A-71386-7 (463077-00243)

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C.C.	A61	US-2006/0019316 A1	01-26-2006	Mayo, et al.	
	A62	US-4,816,397	03-28-1989	Boss, et al.	
	A63	US-5,225,348	07-06-1993	Nagata, et al.	
	A64	US-5,266,491	11-30-1993	Nagata, et al.	
	A65	US-5,328,987	06-12-1994	Maliszewski	
	A66	US-5,541,087	07-30-1996	Lo, et al.	
	A67	US-5,576,184	11-19-1996	Better, et al.	
	A68	US-5,623,053	04-22-1997	Gastinel et al.	
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	A70	US-5,633,162	05-27-1997	Keen, et al.	
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	A79	US-6,165,745	12-26-2000	Ward, et al.	
	A80	US-6,188,965 B1	02-13-2001	Mayo et al.	
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	A83	US-6,269,312 B1	07-31-2001	Mayo et al.	
	A84	US-6,277,375 B1	08-21-2001	Ward	
	A85	US-6,331,415 B1	12-18-2001	Cabilly, et al.	
	A86	US-6,358,733 B1	03-19-2002	Motwani et al.	
	A87	US-6,365,161 B1	04-02-2002	Deo, et al.	
	A88	US-6,403,312 B1	06-11-2002	Dahiyat et al.	
	A89	US-6,444,789 B1	09-03-2002	Luo	
C.C.	A90	US-6,485,726 B1	11-26-2002	Blumberg, et al.	

Examiner Signature	<i>an</i> <i>ca</i>	Date Considered	7/12/06
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			Application Number	10/672,280
			Filing Date	September 26, 2003
			First Named Inventor	Lazar et al.
			Art Unit	1644
			Examiner Name	Crowder, Chun
Sheet	4	20	Attorney Docket Number	A-71386-7 (463077-00243)

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C.C.	A91	US-6,528,624 B1	03-04-2003	Idusogie, et al.	
	A92	US-6,538,124 B1	03-25-2003	Idusogie, et al.	
	A93	US-6,632,927 B2	10-14-2003	Adair, et al.	
	A94	US-6,649,165 B1	11-18-2003	Schubert	
	A95	US-6,708,120 B1	03-16-2004	Mayo et al.	
	A96	US-6,719,971 B1	04-13-2004	Carter, et al.	
	A97	US-6,737,056 B1	05-18-2004	Presta	
	A98	US-6,792,356 B2	09-14-2004	Mayo et al.	
	A99	US-6,797,492 B2	09-28-2004	Daugherty, et al.	
	A100	US-6,801,861 B2	10-05-2004	Mayo et al.	
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	A104	US-6,933,368 B2	08-23-2005	Co, et al.	
	A105	US-6,946,292 B2	09-20-2005	Kanda, et al.	
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C.C.	B1	WO 00/42072 A2, A3	07-20-2000	Genentech Inc		
	B2	WO 98/47089 A1	11-22-1998	California Institute of Technology		
	B3	EP 1 255 209 A2	11-06-2002	California Institute of Technology		
	B4	WO 00/23564 A2, A3	04-27-2000	Xencor, Inc.		
	B5	WO 01/59066 A2, A3	08-16-2001	Xencor, Inc.		
	B6	WO 03/014325 A2, A3	02-20-2003	Xencor, Inc.		
	B7	EP 1 255 826 B1	00-13-2002	Xencor, Inc.		
C.C.	B8	EP 0 268 636 B1	01-08-1997	McKenzie, I. F., et al.		
Examiner Signature		Date Considered		7/12/06		

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			First Named Inventor	Lazar et al.
			Art Unit	1644
			Examiner Name	Crowder, Chun
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C.C.	B9	EP 0 383 799 B2	02-09-2005	Genentech, Inc.		
	B10	EP 0 383 799 B2	02-09-2005	Genentech, Inc.		
	B11	EP 0 753 065 B1	05-14-2003	Celltech Therapeutics Limited		
	B12	EP 0 805 628 B1	05-02-2003	Brigham And Women's Hospital, Inc.		
	B13	EP 0 888 125 B1	05-26-2004	Leung, S., et al.		
	B14	EP 0 904 107 B1	10-20-2004	Board of Regents, The University of Texas System		
	B15	EP 1 176 195 A1	01-30-2002	Kyowa Hakko Kogyo Co., Ltd.		
	B16	EP 1 229 125 A1	08-07-2002	Kyowa Hakko Kogyo Co., Ltd.		
	B17	EP 1 323 346 A2, A3	11-26-2003	Brigham And Women's Hospital, Inc.		
	B18	WO 00/09560 A2, A3	02-24-2000	Abgenix, Inc.		
	B19	WO 00/24782 A2, A3	05-04-2000	Amgen Inc.		
	B20	WO 00/61739 A1	10-19-2000	Kyowa Hakko Kogyo Co. Ltd	Abstract only	
	B21	WO 01/29246 A1	04-26-2001	Kyowa Hakko Kogyo Co., Ltd.	Abstract only	
	B22	WO 01/38490 A2	05-31-2001	The Trustees of Columbia University in the City of New York		
	B23	WO 01/57088 A1	08-09-2001	Hammarstrom, L., et al.		
	B24	WO 02/060919 A2, A3	08-08-2002	Medimmune, Inc.		
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	B27	WO 02/30954 A1	04-18-2002	Kyowa Hakko Kogyo Co., Ltd.	Abstract only	
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	B30	WO 03/016470 A2	02-27-2003	University of Virginia Patent Foundation		
	B31	WO 03/035835 A2, A3	05-01-2003	Genentech, Inc.		
	B32	WO 03/054213 A2	07-03-2003	Genentech, Inc.		
C.C.	B33	WO 03/089624 A2	10-30-2003	UAB Research Foundation		

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C.C.	B34	WO 04/004662 A2	01-15-2004	Genentech, Inc.		
	B35	WO 04/004798 A2, A3	01-15-2004	The Brigham and Women's Hospital, Inc., et al.		
	B36	WO 04/016750 A3	02-26-2004	Macrogenics, Inc.		
	B37	WO 04/022717 A2, A3	03-18-2004	The Government of the United States of America as Represented by the Secretary of the Department of Health and Human Services		
	B38	WO 04/024871 A2	03-25-2004	Morphotek, Inc.		
	B39	WO 04/024889 A2	03-25-2004	Elusys Therapeutics, Inc.		
	B40	WO 04/035752 A2	04-29-2004	Protein Designs Labs, Inc.		
	B41	WO 04/056312 A2	07-08-2004	Genentech, Inc.		
	B42	WO 04/063351 A2, A3	07-29-2004	Macrogenics, Inc.		
	B43	WO 04/074455 A2, A3	09-02-2004	Applied Molecular Evolution		
	B44	WO 04/092219 A2	10-28-2004	Protein Design Labs, Inc.		
	B45	WO 04/103404 A1	12-02-2004	Applied Molecular Evolution		
	B46	WO 04/110472 A2	12-23-2004	Eli Lilly and Company		
	B47	WO 05/000899 A2	01-06-2005	Biogen Idec Ma Inc.		
	B48	WO 05/001025 A2	01-06-2005	Syntonix, Inc.		
	B49	WO 05/007809 A2	01-27-2005	Alexion Pharmaceuticals, Inc.		
	B50	WO 05/011376 A2	02-10-2005	Biogen Idec Ma Inc.		
	B51	WO 05/012877 A2	02-10-2005	DNA Twopointo Inc.		
	B52	WO 05/116078 A1	12-08-2005	Medexgen, Inc.		
	B53	WO 05/013090 A2	02-10-2005	DNA Twopointo Inc.		
	B54	WO 05/018572 A2	03-03-2005	Biogen Idec Ma Inc.		
	B55	WO 05/023866 A2	03-17-2005	Baxter International Inc.		
	B56	WO 05/027966 A2	03-31-2005	Genentech, Inc.		
C.C.	B57	WO 05/037867 A1	04-28-2005	Protein Design Labs Inc.		

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			Application Number	10/672,280
			Filing Date	September 26, 2003
			First Named Inventor	Lazar et al.
			Art Unit	1644
			Examiner Name	Crowder, Chun
Sheet	7	20	Attorney Docket Number	A-71386-7 (463077-00243)

FOREIGN PATENT DOCUMENTS						
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C.C.	B58	WO 05/040217 A2	05-06-2005	Cambridge University Technical Services Limited		
	B59	WO 05/047327 A2	05-26-2005	Biogen Idec Ma Inc.		
	B60	WO 05/060642 A2	07-07-2005	Alexion Pharmaceuticals, Inc.		
	B61	WO 05/063815 A2	07-14-2005	Biogen Idec Ma Inc.		
	B62	WO 05/070963 A1	08-04-2005	Applied Molecular Evolution, Inc.		
	B63	WO 05/116078 A1	12-08-2005	Medexgen Inc.		
	B64	WO 05/123780 A2	12-29-2005	Protein Design Labs, Inc.		
	B65	WO 06/012500 A2	02-02-2006	Genentech, Inc.		
	B66	WO 88/07089 A1	09-22-1988	Medical Research Council		
	B67	WO 91/06305 A1	05-16-1991	Bristol-Myers Squibb Company		
	B68	WO 91/19515 A1	12-26-1991	The Board of Trustees of the Leland Stanford Junior University		
	B69	WO 92/04053 A1	03-19-1992	Bristol-Myers Squibb Company		
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	B71	WO 92/22324 A1	12-23-1992	Xoma Corporation		
	B72	WO 94/29351 A2, A3	12-22-1994	Celltech Limited		
	B73	WO 95/05468 A1	02-23-1995	Lynxvale Limited		
	B74	WO 96/22024 A1	07-25-1996	Brigham And Women's Hospital, Inc.		
	B75	WO 97/28267 A1	08-07-1997	Repligen Corporation		
	B76	WO 97/34631 A1	09-25-1997	Board of Regents; The University of Texas System		
	B77	WO 98/02462 A1	01-22-1998	Morphosys Gesellschaft für Proteinoptimierung MBH		
	B78	WO 98/23289 A1	06-04-1998	The General Hospital Corporation		
	B79	WO 99/04813 A1	02-04-1999	Brigham & Women's Hospital, Inc., et al.		
	B80	WO 99/51642 A1	10-14-1999	Genentech, Inc.		
C.C.	B81	WO 99/54342 A1	10-28-1999	Umana, P., et al.,		

Examiner Signature	<i>an</i> <i>cg</i>	Date Considered	7/12/06
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	B82	WO 99/58572 A1	11-18-1999	Cambridge University Technical Services Limited		
	B83	WO 98/05787 A1	02-12-1998	Bristol-Meyers Squibb Company		

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C.C.	C1	ALGRE, et al., "A non-activating "humanized" anti-CD3 monoclonal antibody retains immunosuppressive properties in vivo," <i>Transplantation</i> , 57:1537-1543 (1994).				
	C2	ARMOUR, et al., "Recombinant human IgG molecules lacking Fc gamma receptor I binding and monocyte triggering activities," <i>Eur J Immunol</i> , 29:2613-2624 (1999).				
	C3	ASHKENAZI, et al., "Immunoadhesins as research tools and therapeutic agents," <i>Curr Opin Immunol</i> , 9:195-200 (1997).				
	C4	CHAMOW, et al., "Immunoadhesins: principles and applications," <i>Trends Biotechnol</i> , 14:52-60 (1996).				
	C5	DAVIES, et al., "Expression of GnTIII in a recombinant anti-CD20 CHO production cell line: Expression of antibodies with altered glycoforms leads to an increase in ADCC through higher affinity for FC gamma RIII," <i>Biotechnol Bioeng</i> , 74:288-294 (2001).				
	C6	HUTCHINS, et al., "Improved biodistribution, tumor targeting, and reduced immunogenicity in mice with a gamma 4 variant of Campath-1H," <i>PNAS USA</i> , 92:11980-11984 (1995).				
	C7	JEFFERIES, et al., <i>Immunol Lett</i> , 54:101-104 (1996).				
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	C11	LUND, et al., "Multiple binding sites on the CH2 domain of IgG for mouse Fc gamma R11," <i>Mol Immunol</i> , 29:53-59 (1992).				
	C12	LUND, et al., "Multiple interactions of IgG with its core oligosaccharide can modulate recognition by complement and human Fc gamma receptor I and influence the synthesis of its oligosaccharide chains," <i>J Immunol</i> , 154:4963-4969 (1996).				
	C13	LUND, et al., "Oligosaccharide-protein interactions in IgG can modulate recognition by Fc gamma receptors," <i>Faseb J</i> , 9:115-119 (1995).				
C.C.	C14	WHITE, et al., "Antibody-targeted immunotherapy for treatment of malignancy," <i>Annu Rev Med</i> , 52:125-145 (2001).				

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NON PATENT LITERATURE DOCUMENTS				
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C.C.	C15	AASE, A. et al. "The extended hinge region of IgG3 is not required for high phagocytic capacity mediated by Fc gamma receptors, but the heavy chains must be disulfide bonded," <i>Eur J Immunol.</i> , 23(7):1546-1551 (July 1993).		
	C16	ABADEH, S., et al., "Remodelling the oligosaccharide of human IgG antibodies: effects on biological activities," <i>Biochem Soc Trans.</i> , 25(4):S661 (November 1997).		
	C17	AKEWANLOP, C., et al., "Phagocytosis of Breast Cancer Cells Mediated by Anti-MUC-1 Monoclonal antibody, DF3, and Its Bispecific Antibody" <i>Cancer Research</i> , 61:4061-4065 (May 15, 2001).		
	C18	ALEGRE, M., et al., "Effect of a Single Amino Acid Mutation on the Activating and Immunosuppressive Properties of a "Humanised" OKT3 Monoclonal Antibody," <i>J. Immunology</i> , 148:3461-3468 (June 1992).		
	C19	AMIGORENA, S., et al., "Fc receptors for IgG and antigen presentation on MHC class I and class II molecules" <i>Immunology</i> , 11:385-390 (1999).		
	C20	ARMOUR, K. L., et al., "Differential binding to human FcγRIIIa and FcγRIIb receptors by human IgG wildtype and mutant antibodies," <i>Molecular Immunology</i> , 40:585-593 (2003).		
	C21	ASHKENAZI, A., et al., "Mapping the CD4 binding site for human immunodeficiency virus by alanine-scanning mutagenesis," <i>PNAS, USA</i> , 87:7150-7154 (September 1990).		
	C22	BOLLAND, S. "A Newly Discovered Fc Receptor tha Explains IgG-Isotype Disparities in Effector Responses," <i>J. Immunology</i> , 23:2-4 (July 2005).		
	C23	BORUCHOV, A. M., et al., "Activating and inhibitory IgG Fc receptors on human DCs mediate opposing functions" <i>J. Clin. Invest.</i> doi:10.1172/JCI24772 (September 16, 2005).		
	C24	BOWLES, J. A., et al., "CD16 polymorphisms and NK activation induced by monoclonal antibody-coated target cells," <i>Journal of Immunological Methods</i> , pgs.1-12 (2005).		
	C25	BREKKE, O. H., et al., "Human IgG isotype-specific amino acid residues affecting complement-mediated cell lysis and phagocytosis," <i>Eur J. Immunol.</i> , 24(10):2542-5247 (October 1994).		
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	C27	BRUGGEMAN, M., et al., "Comparison of the Effector Functions of Human Immunoglobulins Using A Matched Set of Chimeric Antibodies," <i>J. Exp. Med.</i> , 166:1351-1361 (November 1987).		
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	C29	BURMEISTER, W. P., et al., "Crystal structure of the complex of rat neonatal Fc receptor with Fc" <i>Nature</i> , 372:379-383 (November 24, 1994).		
	C30	CANFIELD, S. M., et al., "The Binding Affinity of Human IgG for its High Affinity Fc Receptor is Determined by Multiple Amino Acids in the C ₂ Domain and Is Modulated by the Hinge Region," <i>J. Exp. Med.</i> , 173:1483-1491 (June 1991).		
	C31	CARON, P. C., et al., "Engineered Humanized Dimeric Forms of IgG Are More Effective Antibodies," <i>J. Exp. Med.</i> , 176:1191-1195 (October 1992).		
C.C.	C32	CARON, P. C., et al., "Murine and humanized constructs of monoclonal antibody M19 (anti-CD33) for the therapy of acute myelogenous leukemia," <i>Cancer</i> , 73(3 Supp):1049-1056 (February 1994).		

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C.C.	C33	CARPENTER, P.A., et al., "Non-Fc Receptor-Binding Humanized Anti-CD3 Antibodies Induce Apoptosis of Activated Human T Cells," <i>Journal of Immunology</i> , 165:6205-6213 (2000).		
	C34	CARTER, P., et al., "Humanization of an anti-p185 ^{HER2} antibody for human cancer therapy" <i>PNAS</i> , 89:4285-4289 (May 1992).		
	C35	CARTON, G., et al., "Therapeutic activity of humanized anti-Cd20 monoclonal antibody and polymorphism in IgG Fc receptor FcγRIIIa gene," <i>Blood</i> , 99(3):754-758 (February 1, 2002).		
	C36	CHAPMAN, P. B., "T-Cell Chauvinists Versus Antibody Advocates- Can't We All Just Get Along?" <i>J. Clin. Oncology</i> , 22(22):4446-4448 (November 15, 2004).		
	C37	CHAPPEL, M. S., et al., "Identification of a Secondary Fcγ RI Binding Site within a Genetically Engineered Human IgG Antibody," <i>J. Biol. Chem.</i> , 268(33):25124-25131 (November 1993).		
	C38	CHAPPEL, M. S., et al., "Identification of the Fcγ receptor class I binding site in human IgG through the use of recombinant IgG1/IgG2 hybrid and point-mutated antibodies," <i>PNAS, USA</i> , 88:9036-9040 (October 1991).		
	C39	CHINTALACHARUVU, K. R., et al., "Hybrid IgA2/IgG1 Antibodies with Tailor-Made Effector Functions," <i>Clinical Immunology</i> , 101(1):21-31- (October 2001).		
	C40	CLARK, M. R., "Chemical Immunology Antibody Engineering IgG Effector Mechanisms," Dissertation submitted to Immunology Division of Department of Pathology at Cambridge University, UK (NO DATE)		
	C41	CLYNES, R. A., et al., "Inhibitory Fc receptors modulate <i>in vivo</i> cytotoxicity against tumor targets," <i>Nature Medicine</i> , 6(4):443-446 (April 2000).		
	C42	CLYNES, R. et al., "Modulation of Immune complex-induced Inflammation <i>In Vivo</i> by the Coordinate Expression of Activation and Inhibitory Fc Receptors," <i>J. Exp. Med.</i> , 189(1):179-185 (January 4, 1999).		
	C43	CLYNES, R., "Immune complexes as therapy for autoimmunity" <i>J. Clin. Invest.</i> , 115:25-27 (2005).		
	C44	CLYNES, R., et al., "Fc receptors are required in passive and active immunity to melanoma," <i>PNAS USA</i> , 95:652-656 (January 1998).		
	C45	COHEN-SODAL, J. FG., et al., "Review: Fcγ receptors" <i>Immunology Letts</i> , 92:199-205 (2004).		
	C46	COLE, M. S., et al., "Human IgG2 variants of chimeric anti-CD3 are nonmitogenic to T cells," <i>J. Immunol.</i> , 159(7):3613-3621 (October 1, 1997).		
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	C49	DA SILVEIRA, S. A., et al., "Complement Activation Selectively Potentiates the Pathogenicity of the IgG2 b and IgG3 Isotypes of a High Affinity Anti-Erythrocyte Autoantibody," <i>J. Exp. Med.</i> , 195(6):665-672 (March 18, 2002).		
	C50	DALL'ACQUA, D. F., et al., "Increasing the Affinity of a Human IgG1 for the Neonatal Fc Receptor: Biological Consequences," <i>Journal of Immunology</i> , 169:5171-5180 (2002).		
C.C.	C51	DAVIS, R. S., et al., "Fc receptor homologs: newest members of a remarkably diverse Fc receptor gene family," <i>Imm. Revs</i> , 190:123-136 (2002).		

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			Filing Date	September 26, 2003
			First Named Inventor	Lazar et al.
			Art Unit	1644
			Examiner Name	Crowder, Chun
Sheet	11	20	Attorney Docket Number	A-71386-7 (463077-00243)

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C.C.	C52	DAVIS, R. S., et al., "Identification of a family of Fc receptor homologs with preferential B cell expression," <i>PNAS, USA</i> , 98(17):9772-9777 (August 2001).	
	C53	DELANO, W. L., et al., "Convergent Solutions to Binding at a Protein-Protein Interface" <i>Science</i> , 287:1279-1283 (February 18, 2000).	
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	C55	DHODAPKAR, K.M., et al., "Recruiting dendritic cells to improve antibody therapy of cancer" <i>PNAS</i> , 102(18):6243-6244 (May 3, 2005).	
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	C60	EDELMAN, G. M., et al., "The Covalent Structure of an Entire γG Immunoglobulin Molecule," <i>PNAS</i> , 63:78-85 (1969).	
	C61	EHRHARDT, G. R. A., et al., "Th inhibitory potential of Fc receptor homolog 4 on memory B cells," <i>PNAS, USA</i> , 100(23):13489-13494 (November 2003).	
	C62	ELLISON, J. W., et al., "The nucleotide sequence of a human immunoglobulin Cγ ₁ gene" <i>Nucleic Acids Research</i> , 10(13):4071-4079(1982).	
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O.C.	C69	GHETIE, V., et al., "FcRn: the MHC class I-related receptor that is more than an IgG transporter" <i>Immunology Today</i> , 18(12):592-598 (December 1997).	

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C.C.	C70	GHEITIE, V., et al., "Increasing the serum persistence of an IgG fragment random mutagenesis," <i>Nat. Biotechnol.</i> , 15(7):637-640 (July 1997).	
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	C72	GONZALES, N. R., et al., "SDR grafting of a murine antibody using multiple human germline templates to minimize its immunogenicity," <i>Molecular Immunology</i> , 41:863-872 (2004).	
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	C79	HARRISON, P. T., et al., "Domain swap chimeras to study the binding of IgG by Fc gamma RI, the high affinity receptor for IgG," <i>Biochem Soc Trans.</i> , 24(1):144S (Feb 1996).	
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C.C.	C87	ISAACS, J. D., et al., "From bench to bedside: discovering rules for antibody design, and improving serotherapy with monoclonal antibodies," <i>Rheumatology</i> , 40:724-738 (2001).	

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			First Named Inventor	Lazar et al.
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			Examiner Name	Crowder, Chun
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C.C.	C88	ISSACS, J. D., et al., "Therapy with Monoclonal Antibodies. II. The contribution of Fcγ Receptor binding and the Influence of C _H 1 and C _H 3 Domains on In Vivo Effector Function," <i>J. of Immunology</i> , 161:3862-3869 (1998).		
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	C90	JEFFERIS, R. et al., "Recognition sites on human IgG for Fc gamma receptors: the role of glycosylation," <i>Immunol Letters</i> , 44(2-3):111-117 (January 1995).		
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	C98	KARASSA, F. B., et al., "The role of FcγRIIA and IIA polymorphisms in autoimmune diseases," <i>Biomedicine & Pharmacotherapy</i> , 58:286-291 (2004).		
	C99	KIM, J. et al., "Mapping the site on human IgG for binding of the MHC class I-related receptor, FcRn" <i>Eur. J. Immunol.</i> , 29:2819-2825 (1999).		
	C100	KIM, J. K., et al., "Localization of the site of the murine IgG1 molecule that is involved in binding to the murine intestinal Fc receptor," <i>Eur J Immunol.</i> , 24(10):2429-2439 (October 1994).		
	C101	KIM, J.K., et al., "Identifying amino acid residues that influence plasma clearance of murine IgG1 fragments by site-directed mutagenesis," <i>Eur J. Immunol.</i> , 24(3):542-548 (March 1994).		
	C102	KIM, T. D., et al., "Analysis of FcγRIII and IgG Fc Polymorphism Reveals Functional and Evolutionary Implications of Protein-Protein Interaction," <i>J. Mol. Evol.</i> , 53:1-9 (2001).		
	C103	KURUCZ, I., et al., "Bacterially expressed human FcγRIIb is soluble and functionally active after in vitro refolding" <i>Immunology Letts.</i> , 75:33-40 (2000).		
	C104	LUND, J., et al., "A protein structural change in aglycosylated IgG3 correlates with loss of huFc gamma R1 and huFc gamma R111 binding and/or activation," <i>Mol. Immunol.</i> , 27(11):1145-1153 (November 1990).		
	C105	LUND, J., et al., "Control of IgG/Fc glycosylation: a comparison of oligosaccharides from chimeric human/mouse and mouse subclass immunoglobulin Gs," <i>Mol Immunol.</i> , 30(8):741-748 (June 1993).		
C.C.	C106	MAENAKA, K., et al., "The Human Low Affinity Fcγ Receptors IIa, IIb and III Bind IgG with Fast Kinetics and Distinct Thermodynamic Properties" <i>J. Biol. Chem.</i> 276(48):44898-44904 (2001).		

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C.C.	C107	MARTIN, W. L., et al., "Characterization of the 2:1 Complex between the Class I MHC-Related Fc Receptor and Its Fc Ligand in Solution," <i>Biochemistry</i> , 38:12639-12647 (1999).	
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C.C.	C125	NIMMERJAHN, F., et al., "Supporting Online Material for: Divergent Immunoglobulin G Subclass Activity Through Selective Fc Receptor Binding" <i>Science</i> , 310:1510 (2005).	

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C.C.	C126	NIWA, R., et al., "Defucosylated Chimeric Anti-CC Chemokine Receptor 4 IgG1 with Enhanced Antibody-Dependent Cellular cytotoxicity Shows Potent Therapeutic Activity to T-Cell Leukemia and Lymphoma," <i>Cancer Research</i> , 64:2127-2133 (March 15, 2004).	
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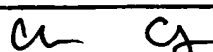
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			Filing Date	September 26, 2003
			First Named Inventor	Lazar et al.
			Art Unit	1644
			Examiner Name	Crowder, Chun
Sheet	16	20	Attorney Docket Number	A-71386-7 (463077-00243)

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C.C.	C143	RAVETCH, J. V., et al., "Immune Inhibitory Receptors," <i>Science</i> , 290:84-89 (October 6, 2000).	
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		Examiner Name	Crowder, Chun	
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C.C.	C161	SONDERMAN, P., et al., "Human Fcγ Receptor IIb Expressed in <i>Escherichia coli</i> Reveals IgG Binding Capability" <i>Biol. Chem.</i> 380:717-721 (June 1999).	
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Examiner Signature		Date Considered	7/12/06
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		Application Number	10/672,280	
		Filing Date	September 26, 2003	
		First Named Inventor	Lazar et al.	
		Art Unit	1644	
		Examiner Name	Crowder, Chun	
Sheet	20	20	Attorney Docket Number	A-71386-7 (463077-00243)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†
C.C.	C217	TRIKHA, M., "Monoclonal antibodies as therapeutics in oncology," <i>Curr. Opin. Biotech.</i> , 13:609-614 (2002).	
	C218	VAN DIJK, M., et al., "Human antibodies as next generation therapeutics," <i>Curr Opin. Chem. Biol.</i> , 5:368-374 (2001).	
	C219	VAN SORGE, N., et al., "Fcγ R polymorphisms: Implications for function, disease susceptibility and immunotherapy," <i>Tissue Antigens</i> , 61:189-202 (2003).	
	C220	VASSEROT, A., et al., "Optimization of protein therapeutics by directed evolution," <i>Drug Discovery Today</i> , 8(3):118-126 (2003).	
C.C.	C221	WALDMANN, T., et al., "Emerging Therapies: Spectrum of Application of Monoclonal Antibody Therapy," <i>Hematology</i> , 394-408 (2000).	

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